

- **WORKEXPERENCE**

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01/2017 - 07/2019 - Milan, Italy

**MEDICAL TRAINEESHIP IN IMMUNOLOGY AND RHEUMATOLOGY DEPARTMENT IN SAN RAFFAELE HOSPITAL** – UNIVERSITA' VITA SALUTE SAN RAFFAELE Milan, Italy

- **EDUCATIONAND TRAINING**

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07/2013 -Crotone, Italy

**SCIENTIFIC HIGH SCHOOL GRADUTION** – Liceo Scientifico Filolao

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10/2014 - 07/2020 - Milan,Italy

**SINGLE-CYCLE MASTER'S DEGREE IN MEDICINE AND SURGERY-** Università Vita Salute San Raffaele 110/110 cum laude

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**Thesis:** Neonatal outcomes of children born to mothers on biological agents during pregnancy: State of the art and perspectives

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08/2020 - Crotone

**LICENSED TO THE MEDICAL PROFESSION** – Crotone,Italy

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01/2021-01/2025- Rome,Italy

**SPECIALIZATION SCHOOL IN ALLERGY AND CLINICAL IMMUNOLOGY-** Università La Sapienza 70/70 cum laude

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**Thesis:** Reattività IgE verso allergeni omologhi ad antigeni umani ed indice di mimetismo molecolare nella dermatite atopica: possibili marker di gravità della malattia, dei fenotipi clinici e della risposta terapeutica.

- **LANGUAGE SKILLS**

Mother tongue(s): **ITALIAN** Other language(s):

|         | UNDERSTANDING |         | SPEAKING          |                    | WRITING |
|---------|---------------|---------|-------------------|--------------------|---------|
|         | Listening     | Reading | Spoken production | Spoken interaction |         |
| ENGLISH | B2            | C1      | B2                | B2                 | C1      |
| SPANISH | B2            | B2      | B2                | B2                 | B2      |

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

**DIGITAL SKILL**

**My Digital Skills**

Microsoft Word Microsoft Office Microsoft Excel Google Drive Word WhatsApp Microsoft PowerPoint

**PUBLICATIONS**

- 1) Gravina A, Olivero F, Brindisi G, Commerci AF, Ranucci C, Fiorentini C, **Sculco E**, Figliozzi E, Tudini L, Matys V, De Canditiis D, Piccioni MG, Zicari AM, Anania C. Dietary Intervention during Weaning and Development of Food Allergy: What Is the State of the Art? Int J Mol Sci. 2024 Feb 27;25(5):2769. doi: 10.3390/ijms25052769. PMID: 38474015; PMCID: PMC10931782
- 2) Cavaliere C, Loperfido A, Ciofalo A, Di Michele L, Begvarfaj E, Bellocchi G, Bugani M, de Vincentiis M, Greco A, Millarelli S, Plath M, **Sculco E**, Masieri S. Real-Life Evidence of Mepolizumab Treatment in Chronic Rhinosinusitis with Nasal Polyps: A Multicentric Study. J Clin Med. 2024 Jun 18;13(12):3575. doi: 10.3390/jcm13123575. PMID: 38930104; PMCID: PMC11204559.
- 3) Piano Mortari E, Pulvirenti F, Marcellini V, Terreri S, Salinas AF, Ferrari S, Di Napoli G, Guadagnolo D, **Sculco E**, Albano C, Guercio M, Di Cecca S, Milito C, Garzi G, Pesce AM, Bonanni L, Sinibaldi M, Bordoni V, Di Cecilia S, Accordini S, Castilletti C, Agrati C, Quintarelli C, Zaffina S, Locatelli F, Carsetti R, Quinti I. Functional CVIDs phenotype clusters identified by the integration of immune parameters after BNT162b2 boosters. Front Immunol. 2023 May 25; 14:1194225. doi: 10.3389/fimmu.2023.1194225. PMID: 37304298; PMCID: PMC10248522.
- 4) Milito C, Pulvirenti F, Garzi G, **Sculco E**, Cinetto F, Firinu D, Lagnese G, Punziano A, Discardi C, Costanzo G, Felice C, Spadaro G, Ferrari S, Quinti I. Decline of gastric cancer mortality in common variable immunodeficiency in the years 2018-2022. Front Immunol. 2023 Oct 6; 14:1231242. doi: 10.3389/fimmu.2023.1231242. PMID: 37868983; PMCID: PMC10587402.
- 5) Pulvirenti F, Garzi G, Milito C, **Sculco E**, Sciannamea M, Napoli A, Cinti L, Roberto P, Punziano A, Carrabba M, Piano Mortari E, Carsetti R, Antonelli G, Quinti I. SARS-CoV-2 pre-exposure prophylaxis with tixagevimab/cilgavimab (AZD7442) provides protection in inborn errors of immunity with antibody defects: a real-world experience. Front Immunol. 2023 Oct 26; 14:1249462. doi: 10.3389/fimmu.2023.1249462. PMID: 37954618; PMCID: PMC10639167.
- 6) Pulvirenti F, Giufrè M, Pentimalli TM, Camilli R, Milito C, Villa A, **Sculco E**, Cerquetti M, Pantosti A, Quinti I. Oropharyngeal microbial ecosystem perturbations influence the risk for acute respiratory infections in common variable immunodeficiency. Front Immunol. 2024 May 30; 15:1371118. doi: 10.3389/fimmu.2024.1371118. PMID: 38873612; PMCID: PMC11169596.
- 7) Visentini M, Pica A, D'Ippolito G, **Sculco E**, La Gualana F, Gragnani L, Miglionico M, Mazzaro C, Fiorilli M, Basili S, Martelli M, Di Rocco A, Casato M, Gentile G, Pulsoni A. High prevalence of past hepatitis B virus infection in diffuse large B cell lymphoma: a retrospective study from Italy. Ann Hematol. 2023 Dec;102(12):3457-3463.

- 8) Pulvirenti F, Cinicola BL, Ferrari S, Guadagnolo D, **Sculco E**, Capponi M, Loffredo L, Sciannamea M, Insalaco A, Quinti I, De Benedetti F, Zicari AM. Case Report: Interindividual variability and possible role of heterozygous variants in a family with deficiency of adenosine deaminase 2: are all heterozygous born equals? *Front Immunol.* 2023 May 3; 14:1156689. doi: 10.3389/fimmu.2023.1156689. PMID: 37207212; PMCID: PMC10188974.
- 9) Pulvirenti F, Mortari EP, Putotto C, Terreri S, Fernandez Salinas A, Cinicola BL, Cimini E, Di Napoli G, **Sculco E**, Milito C, Versacci P, Agrati C, Marino B, Carsetti R, Quinti I. COVID-19 Severity, Cardiological Outcome, and Immunogenicity of mRNA Vaccine on Adult Patients With 22q11.2 DS. *J Allergy Clin Immunol Pract.* 2023 Jan;11(1):292-305.e2. doi: 10.1016/j.jaip.2022.10.010. Epub 2022 Oct 21. PMID: 36280136; PMCID: PMC9584833.
- 10) Pulvirenti F, Di Cecca S, Sinibaldi M, Piano Mortari E, Terreri S, Albano C, Guercio M, **Sculco E**, Milito C, Ferrari S, Locatelli F, Quintarelli C, Carsetti R, Quinti I. T-Cell Defects Associated to Lack of Spike-Specific Antibodies after BNT162b2 Full Immunization Followed by a Booster Dose in Patients with Common Variable Immune Deficiencies. *Cells.* 2022 Jun 14;11(12):1918. doi: 10.3390/cells11121918. PMID: 35741048; PMCID: PMC9221747.

## ● MEMBERSHIPS AND ASSIGNMENTS

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- 2021-present Junior Member of EAACI (European Academy of Allergy and Clinical Immunology)
- 2021-present Junior Member of SIAAIC(Società Italiana Asma Allergologia e Immunologia Clinica)
- 2021-present Member of SIMI (Società Italiana di Medicina Interna)
- 2022-present Member of FADOI (Società Scientifica di Medicina Interna)
- 2022-present Junior Member of AAIITO(Associazione Allergologi Immunologi Italiani Territoriali e Ospedalieri)
- 2024-2026 Board of Directors Junior Member SIAAIC( Società Italiana Asma Allergologia e Immunologia Clinica)

## ● CONGRESS PARTECIPATION & LECTURES

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- 2022-Speaker at "Le malattie rare immunologiche I Incontro delle scuole di specializzazione in Allergologia ed Immunologia Clinica delle Università di Cagliari,Padova e Roma La Sapienza" Treviso,Ital
- 2022-ESID Posters "COVID-19 Severity, Cardiological Outcome, and Immunogenicity of mRNA Vaccine on Adult Patients With 22q11.2 DS " and "T-Cell Defects Associated to Lack of Spike-Specific Antibodies after BNT162b2 Full Immunization Followed by a Booster Dose in Patients with Common Variable Immune Deficiencies" Gothenburg,Sweden
- 2022-Winner of Travel grant Poster SIAAIC 2022 " Combined immune deficiency in an adult with deletion 2q37 and duplication of 8p23-pter region ",Verona Italy
- 2023-Speaker at EAACI 7th Skin Allergy Club -"A case of successful Dupilumab treatment in allergic rhinitis and atopic dermatitis in patient with multiple food allergies, pollen and perennial sensitization" Zurich, Switzerland

- 2023-EULAR (European Alliance of Associations for Rheumatology)Poster"High phenotypic variability in three siblings with ADA2 Deficiency",Milan Italy
- 2023 -SIAAIC Poster "Vedolizumab Therapy in CVID enteropathy: A Single Center Case Series" Bologna Italy
- 2023- Congresso di Immunologia Clinica SIAAIC Poster "Disbiosi respiratoria e impatto sul rischio di riacutizzazioni respiratorie nei pazienti con Immunodeficienza Comune Variabile", Mestre ,Italy
- 2023- Speaker of "Master Crioglobulinemia Mista "Sapienza University of Rome, Rome, Italy
- 2024- Winner of Travel grant Posters SIAAIC 2024 "Enterocolitis Symptoms after consumption of salmon and mullet roe : a case report and "Diagnostic delay in 22.q11.2 deletion syndrome :we are doing enough?" Rome, Italy
- 2024-Speaker at AAIITO(Associazione Allergologi Immunologi Italiani Territoriali e Ospedalieri) "Un caso di Esofagite eosinofila (EoE) con sensibilizzazione a PR-10 e LTP: possibile ruolo patogenetico"
- 2024- ESID Poster "Oropharyngeal microbial ecosystem perturbations influence the risk for acute respiratory infections in common variable immunodeficiency",Marsille,France